Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800
Title: METHOD AND APPARATUS FOR ENABLING VOLATILE SHARED
DATA ACROSS CACHES IN A COHERENT MEMORY MULTIPROCESSOR
SYSTEM TO REDUCE COHERENCY TRAFFIC

1st Named Inventor: Kevin W. Rudd Express Mail No.: EV339916330US

Sheet: 1 of 5

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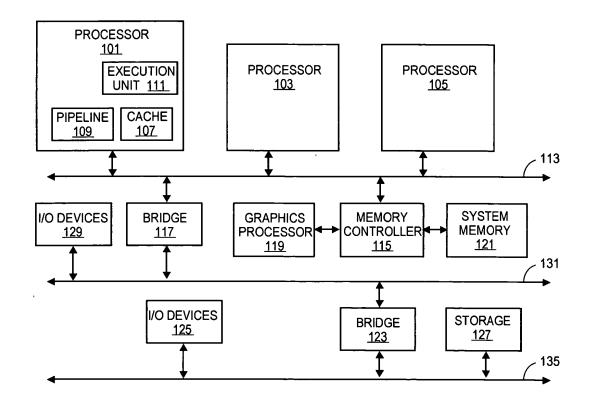


FIG. 1

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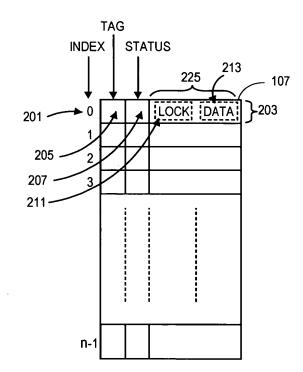


FIG. 2

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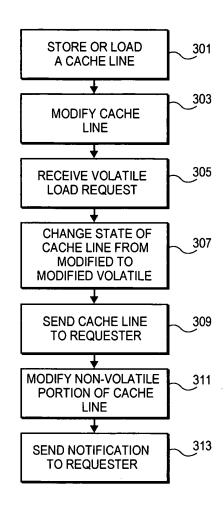


FIG. 3

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SEND VOLATILE 401 **LOAD REQUEST** 403 **RECEIVE REQUESTED** DATA STORE REQUESTED 405 DATA IN CACHE LINE AS SHARED VOLATILE 407 RECEIVE CACHE LINE REQUEST 409 SEND **NOTIFICATION** 411 **REPLAY LOAD**

FIG. 4

OR STORE

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